

CLAIMS

What is claimed is:

[c01] A method of providing communications services, comprising the steps of:

receiving a request for data, the request for data originating from a client communications device;

assessing in real-time an availability of network routing to fulfill the request;

assessing in real-time an availability of network bandwidth to fulfill the request;

ascertaining a preferred scenario of segmentation, dispersion, and assemblage of electronic data to fulfill the request; and

communicating to the client communications device the electronic data fulfilling the request, the electronic data formatted according to the preferred scenario.

[c02] A method according to claim 1, further comprising the step of reserving a routing within a network, the reserved routing identified in the preferred scenario.

[c03] A method of providing communications services, comprising the steps of:

receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;

segmenting the first data stream into segments according to a Service Level Agreement, the Service Level Agreement being an agreement defining parameters for communications service for the subscriber;

dispersing at least one segment via a network for a subsequent processing service;

receiving a result of the processing service;

assembling a second data stream, the second data stream comprising at least one of i) the result of the processing service and ii) another segment; and

communicating the second data stream via the network.

- [c04] A method according to claim 3, further comprising the step of providing an assertion to a communications service provider, the assertion indicating that the Service Level Agreement was satisfied.
- [c05] A method according to claim 4, wherein the assertion is certified to reduce the incidence of fraudulent assertions.
- [c06] A method according to claim 4, wherein the assertion is provided by the subscriber.
- [c07] A method according to claim 3, further comprising the step of assessing in real-time an availability of network routing to meet the Service Level Agreement.
- [c08] A method according to claim 3, further comprising the step of assessing in real-time an availability of network bandwidth to meet the Service Level Agreement.
- [c09] A method according to claim 3, further comprising the step of receiving a request for data, the request for data originating from a client communications device, and wherein second data stream fulfils the request for the data.
- [c10] A method according to claim 3, further comprising the step of communicating the second data stream to a client communications device.
- [c11] A method according to claim 3, wherein the step of assembling the second data stream comprises assembling the second data stream according to the Service Level Agreement.
- [c12] A method according to claim 3, wherein the step of communicating the second data stream comprises communicating the second data stream according to the Service Level Agreement.

[c13] A method according to claim 3, further comprising the step of processing a segment according to the Service Level Agreement.

[c14] A method according to claim 3, further comprising the step of ascertaining a preferred scenario of segmentation, dispersion, and assemblage of electronic data.

[c15] A system, comprising:

a Analysis Module stored in a memory device, the Analysis Module receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol, the Analysis Module segmenting the first data stream into segments according to a Service Level Agreement, the Service Level Agreement being an agreement defining parameters for communications service for the subscriber, the Analysis Module dispersing at least one segment via a network for a subsequent processing service, the Analysis Module receiving a result of the processing service, the Analysis Module assembling a second data stream, the second data stream comprising at least one of i) the result of the processing service and ii) another segment, the Analysis Module communicating the second data stream via the network; and

a processor communicating with the memory device.

[c16] A computer program product, comprising:

a computer-readable medium; and

a Analysis Module stored on the computer-readable medium, the Analysis Module receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol, the Analysis Module segmenting the first data stream into segments according to a Service Level Agreement, the Service Level Agreement being an agreement defining parameters for communications service for the subscriber, the Analysis Module dispersing at least one segment via a network for a subsequent processing service, the Analysis Module receiving a result of the processing

service, the Analysis Module assembling a second data stream, the second data stream comprising at least one of i) the result of the processing service and ii) another segment, the Analysis Module communicating the second data stream via the network.